

Goals and Objectives for DMC Recirculation

Legislative and Regulatory Requirements

A. PL 108-361 Requirements

The Secretary shall incorporate into the program a recirculation program to provide flow, reduce salinity concentrations in the San Joaquin River, and reduce the reliance on the New Melones Reservoir for meeting water quality and fishery flow objectives through the use of excess capacity in export pumping and conveyance facilities. *Sec 103(d)(2)(D)(iii)*

The purpose of the authority and direction provided to the Secretary under this subparagraph is to provide greater flexibility in meeting the existing water quality standards and objectives for which the Central Valley Project has responsibility so as to reduce the demand on water from New Melones Reservoir used for that purpose and to assist the Secretary in meeting any obligations to Central Valley Project contractors from the New Melones Project. *Sec 103(d)(2)(D)(vi)*

The authorization under this subparagraph is solely meant to add flexibility for the Secretary to meet any obligations of the Secretary to the Central valley Project contractors from the New Melones Project by reducing demand for water dedicated to meeting water quality standards in the San Joaquin River. *Sec. 103(f)(1)(F)(ii)*

Funds may be used to conduct feasibility studies, evaluate, and, if feasible, implement the recirculation of export water to reduce salinity and improve dissolved oxygen in the San Joaquin River. *Section 103 (f)(1)(G)*

B. D-1641 Requirements

The purpose of the POA will be to develop a thorough workplan for determining the feasibility of use of recirculation as a method for meeting and/or augmenting the Vernalis objectives and San Joaquin water quality objectives. *D 1641 Order, Rev march 15, 2000, Section 2 of Amendments to CVP Permits (except New Melones and Friant)*

C. CALFED ROD

Study recirculation of export water to reduce salinity and improve dissolved oxygen in the San Joaquin River. – Exporting water from the Delta through the CVP and SWP at volumes greater than what is needed can establish additional flows in the San Joaquin River that could be used for salinity reduction and improving dissolved oxygen in the river. *CALFED Bay Delta Program ROD, August 28, 2000, Section 2.2.9. Water Quality – Actions included in the Programmatic EIR/EIS*

Proposed Feasibility Study Objectives for DMC Recirculation

Primary Objectives:

1. Meet and/or augment the Vernalis objectives and San Joaquin River water quality objectives (*D 1641*)
2. Provide flow for meeting water quality and fishery flow objectives (*PL108-361*)
3. Reduce salinity concentrations in the San Joaquin River for meeting water quality and fishery flow objectives (*PL108-361*)
4. Reduce the reliance on the New Melones Reservoir for meeting water quality and fishery flow objectives (*PL108-361*)
5. Reduce salinity and improve dissolved oxygen in the San Joaquin River (*CALFED ROD and PL108-361*)

Secondary Objectives:

1. Assist in meeting south Delta water quality objectives
2. Assist in improving south Delta water levels for agricultural purposes
3. Other?